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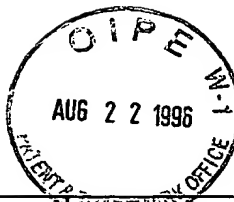
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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.
1327.0440006APPLICATION NO.
08/479,038APPLICANT
DROHAN *et al.*FILING DATE
June 7, 1995GROUP
1808

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
mkz	AP4	EP 0 081 990	06/22/1983	Europe			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

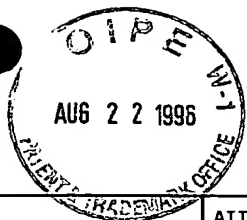
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4/3/97

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1327.0440006	APPLICATION NO. 08/479,038
	APPLICANT DROHAN et al.	
	FILING DATE June 7, 1995	GROUP 1808

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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
MKE	AL5	GB 2 185 747	07/29/1987	United Kingdom			Yes No
MKE	AM5	WO 92/09301	06/11/1992	WIPO			Yes No
MKE	AN5	WO 92/13565	08/20/1992	WIPO			Yes No
MKE	AO5	EP 0 562 864	09/29/1993	Europe			Yes No
MKE	AP5	WO 94/20133	09/15/1994	WIPO			Yes No

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EXAMINER <i>MKE</i>	DATE CONSIDERED <i>1/3/97</i>
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FORM PTO-1449

Atty. Docket
327.0440006Appl. No.
08/479,038

INFORMATION DISCLOSURE STATEMENT

Applicant
DROHAN et al.Filing Date
June 7, 1995Group
to be assigned

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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date
MKE	AA1	2,533,004	12/05/50	Ferry et al.	260	112	10/27/43
MKE	AB1	3,523,807	08/11/70	Gerendas, M.	106	124	11/25/66
MKE	AC1	3,723,244	03/27/73	Breillatt, J., Jr.	162	151	01/18/71
MKE	AD1	4,265,233	05/05/81	Sugitachi et al.	128	156	04/06/79
MKE	AE1	4,298,598	11/03/81	Schwarz et al.	424	101	02/04/80
MKE	AF1	4,321,711	03/30/82	Mano, H.	3	1.4	10/12/79
MKE	AG1	4,359,049	11/16/82	Redl et al.	128	218PA	03/23/81
MKE	AH1	4,362,567	12/07/82	Schwarz et al.	106	157	02/04/80
MKE	AI1	4,373,519	02/15/83	Errede et al.	128	156	06/26/81
MKE	AJ1	4,377,572	03/22/83	Schwarz et al.	424	101	07/07/81
MKE	AK1	4,394,370	07/19/83	Jefferies, S.R.	424	15	09/21/81

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Sub-class	Trans-lation
MKE	AL1	1 584 080	12/05/77	United Kingdom	—	—	Yes No
MKE	AM1	2 041 942	02/15/79	United Kingdom	—	—	Yes No
MKE	AN1	2 042 556	02/15/79	United Kingdom	—	—	Yes No
MKE	AO1	81/00516	03/05/81	WIPO	—	—	Yes No
MKE	AP1	3,037,270	05/19/82	Germany	—	—	X Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MKE	AR	1	Adelmann-Grill et al., "Chemotactic Migration of Normal Dermal Fibroblasts Towards Epidermal Growth Factor and Its Modulation by Platelet-Derived Growth Factor and Transforming Growth Factor-Beta," <i>European J. Cell. Biol.</i> 51:322-326 (April, 1990)
MKE	AS	1	Akrami et al., "Replacement of the Thoracic Aorta by Sealed Dacron Prostheses," <i>Thoraxchirurgie</i> 26:144-147 (1978)
MKE	AT	1	Albrektsson et al., "Fibrin Adhesive System (FAS) Influence on Bone Healing Rate," <i>Acta Orthop. Scand.</i> 53:757-763 (1982)

Examiner

MKE

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Examiner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date
MKE	AA2	4,414,976	11/15/83	Schwarz et al.	128	334R	09/13/82
MKE	AB2	4,427,650	01/24/84	Stroetmann, M.	424	46	06/07/82
MKE	AC2	4,427,651	01/24/84	Stroetmann, M.	424	46	06/07/82
MKE	AD2	4,442,655	04/17/84	Stroetmann, M.	53	428	06/25/82
MKE	AE2	4,453,939	06/12/84	Zimmerman et al.	604	368	02/11/82
MKE	AF2	4,472,840	09/25/84	Jefferies, S.R.	3	1.9	09/30/82
MKE	AG2	4,516,276	05/14/85	Mittelmeier et al.	3	1.91	03/26/84
MKE	AH2	4,617,293	10/14/86	Wahlig et al.	514	41	05/23/84
MKE	AI2	4,619,989	10/28/86	Urist, M.R.	530	417	08/16/83
MKE	AJ2	4,627,879	12/09/86	Rose et al.	106	124	01/03/85
MKE	AK2	4,631,055	12/23/86	Redl et al.	604	82	02/26/85

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Sub-class	Translation
MKE	AL2	1,119,516	09/03/82	Canada			Yes No
MKE	AM2	2 137 209	10/03/84	Great Britain			Yes No
MKE	AN2	1 168 982	12/06/84	Canada			Yes No
MKE	AO2	2 102 811	01/30/85	United Kingdom			Yes No
MKE	AP2	60-204725	10/16/85	Japan			X Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MKE	AR	2	Allen et al., "Influence of Endothelial Cell Seeding on Platelet Deposition and Patency in Small-Diameter Dacron Arterial Grafts," J. Vasc. Surg. 1:224-233 (1984)
MKE	AS	2	Arbes et al., "First Clinical Experience with Heterologous Cancellous Bone Grafting Combined with the Fibrin Adhesive System (F.A.S.)," Arch. Orthop. Traumat. Surg. 98:183-188 (1981)
MKE	AT	2	Baird et al., "Fibroblast Growth Factors," British Medical Bulletin 45(2):438-452 (1989)

Examiner

M. K. Lema

Date Considered

11/3/97

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MKE	AA3	4,642,120	02/10/87	Nevo et al.	623	16	03/21/84
MKE	AB3	4,714,457	12/22/87	Alterbaum, R.	494	37	09/15/86
MKE	AC3	4,717,717	01/05/88	Finkenaur, A.L.	514	21	11/05/86
MKE	AD3	4,761,471	08/02/88	Urist, M.R.	530	350	08/22/86
MKE	AE3	4,789,732	12/06/88	Urist, M.R.	530	350	03/09/88
MKE	AF3	4,816,339	03/28/89	Tu et al.	428	421	04/28/87
MKE	AG3	4,820,626	04/11/89	Williams et al.	435	1	06/06/85
MKE	AH3	4,837,379	06/06/89	Weinberg, C.B.	424	101	06/02/88
MKE	AI3	4,861,757	08/29/89	Antoniades et al.	514	21	11/16/87
MKE	AJ3	4,874,746	10/17/89	Antoniades et al.	514	21	12/22/87
MKE	AK3	4,909,251	03/20/90	Seelich, T.	606	213	05/31/89

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Sub-class	Trans-lation
MKE	AL3	86/00526	01/30/86	WIPO			Yes No
MKE	AM3	86/01814	03/27/86	WIPO			Yes No
MKE	AN3	86/03122	06/05/86	WIPO			Yes No
MKE	AO3	0 312 208	09/16/88	Europe			Yes No
MKE	AP3	91/09573	07/11/91	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MKE	AR	3	Berger et al., "Healing of Arterial Prostheses in Man: Its Incompleteness," Ann. Surg. 175(1):118-127 (1972)
MKE	AS	3	Borst et al., "Fibrin Adhesive: An Important Hemostatic Adjunct in Cardiovascular Operations," J. Thorac. Cardiovasc. Surg. 84:548-553 (1982)
MKE	AT	3	Bösch, V.P., "Autologous Cancellous Bone Grafting in Rabbits Using a Fibrinogen Adhesive System," Wiener klinische Wochenschrift 91(18):628-633 (1979)

Examiner

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Examiner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date
MKE	AA4	4,928,603	05/29/90	Rose et al.	106	124	06/06/88
MKE	AB4	4,952,403	08/28/90	Vallee et al.	424	422	06/08/88
MKE	AC4	Re.33,375	10/09/90	Luck et al.	514	2	10/11/88
MKE	AD4	4,983,581	01/08/91	Antoniades et al.	514	12	05/20/88
MKE	AE4	5,019,559	05/28/91	Antoniades et al.	514	21	11/16/88
MKE	AF4	5,023,082	06/11/91	Friedman et al.	424	426	03/30/88
MKE	AG4	5,030,215	07/09/91	Morse et al.	604	410	01/03/90
MKE	AH4	5,034,375	07/23/91	Antoniades et al.	514	12	08/10/88
MKE	AI4	5,035,887	07/30/91	Antoniades et al.	424	85.2	09/07/89
MKE	AJ4	5,059,123	10/22/91	Jernberg, G.R.	433	215	10/18/90
MKE	AK4	5,124,155	06/23/92	Reich, C.	424	428	09/17/90

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Sub-class	Trans-lation
MKE	AL4	0 443 724	08/28/91	Europe			Yes No
MKE	AM4	91/17744	11/28/91	WIPO			Yes No
MKE	AN4	92/09697	06/11/92	WIPO			Yes No
MKE	AO4	92/22312	12/23/92	WIPO			Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MKE	AR	4	Bösch, V.P., "Bone Grafting with Fibrin Glue," Wein Klin. Wochenschr. 93(Suppl. 124):3-26 (1981)
MKE	AS	4	Bösch, V.P., "Experimental Investigations of the Effect of the Fibrin Adhesive on the Kiel Heterologous Bone Graft," Arch. Orthop. Traumat. Surg. 96:177-185 (1980)
MKE	AT	4	Bösch et al., "The Technic of Fibrin Glue in Cancellous Bone Transplants," Arch. Orthop. Unfall-Chir. 90:63-75 (1977)

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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date
MFE	AA5	5,139,527	08/18/92	Redl et al.	623	66	08/06/90
MFE	AB5	5,171,318	12/15/92	Gibson et al.	623	5	01/21/92
MFE	AC5	5,171,579	12/15/92	Ron et al.	424	486	10/11/91
MFE	AD5	5,219,328	06/15/93	Morse et al.	604	49	01/03/90
MFE	AE5	5,226,877	07/13/93	Epstein, G.H.	604	35	06/23/89
MFE	AF5	5,290,552	03/01/94	Sierra et al.	424	94.64	03/23/92
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Examiner Initial		Document Number	Date	Country	Class	Sub-class	Translation
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MFE	AR	5	Burgess et al., "The Heparin-Binding (Fibroblast) Growth Factor Family of Proteins," Annual Rev. Biochem. 58:575-606 (1989)
MFE	AS	5	Byrne et al. "Effect of Fibrin Glues on the Mechanical Properties of Healing Wounds," Br. J. Surg. 78:841-843 (July, 1991)
MFE	AT	5	Carter et al., "Clinical Experience with Crude Preparations of Growth Factors in Healing of Chronic Wounds in Human Subjects," in: Growth Factors and Other Aspects of Wound Healing: Biological and Clinical Implications, pp. 303-317 (1988)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MBZ	AR	6	Clowes et al., "Graft Endothelialization: The Role of Angiogenic Mechanisms," <i>J. Vascular Surgery</i> 13(5):734-736 (May, 1991)
MBZ	AS	6	Clowes et al., "Mechanisms of Arterial Graft Healing," <i>Am. J. Pathol.</i> 123(2):220-230 (1986)
MBZ	AT	6	Conant et al., "Treatment of Condylomata Acuminata with Intralesional 5-Fluorouracil Therapeutic Implant (MPI 5003)," <i>Clinical Res.</i> 39(4):818A (December, 1991)

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MBZ

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MKZ	AR	2	Cziperle et al., "Enhanced Endothelialization of Expanded Polytetrafluoroethylene Grafts by Heparin Binding Growth Factor-Type I (HBGF-1) Pretreatment," Presented at the Society of University Surgeons (February, 1992)
MKZ	AS	2	Davidson et al., "Mechanisms of Accelerated Wound Repair Using Epidermal Growth Factor and Basic Fibroblast Growth Factor," in: Growth Factors and Other Aspects of Wound Healing: Biological and Clinical Implications, Alan R. Liss, Inc., pp. 63-75 (1988)
MKZ	AT	2	Deyerling et al., "A Suspension of Fibrin Glue and Antibiotic for Local Treatment of Mycotic Aneurysms in Endocarditis - An Experimental Study," Thorac. Cardiovasc. Surgeon 32:369-372 (1984)

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>MKE</i>	AR	8	Dresdale et al., "Hemostatic Effectiveness of Fibrin Glue Derived from Single-Donor Fresh Frozen Plasma," <i>Annals of Thoracic Surgery</i> 40(4):385-387 (1985)
<i>MKE</i>	AS	8	Dresdale et al., "Preparation of Fibrin Glue from Single-Donor Fresh-Frozen Plasma," <i>Surgery</i> 97(6):750-755 (1985)
<i>MKE</i>	AT	8	Durham et al., "A Method for Preparation of Fibrin Glue," <i>J. Laryngology and Otology</i> 101:1182-1186 (1987)

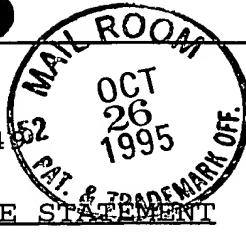
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FORM PTO-14452

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>MKZ</i>	AR	2	Dvorak et al., "Fibrin Containing Gels Induce Angiogenesis," Lab. Invest. 57(6):673-686 (1987).
<i>MKZ</i>	AS	2	Foxall et al., "Adult Human Endothelial Cell Coverage of Small-Caliber Dacron and Polytetrafluoroethylene Vascular Prostheses in Vitro," J. Surg. Res. 41:158-172 (1986)
<i>MKZ</i>	AT	2	Froesch et al., "Actions of Insulin-Like Growth Factors," Ann. Rev. Physiol. 47:443-467 (1985)

Examiner

MKZ

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MKE	AR	10	Gibble et al., "Fibrin Glue: The Perfect Operative Sealant," <i>Transfusion</i> 30(8):741-747 (August, 1990)
MKE	AS	10	Gospodarowicz et al., "Structural Characterization and Biological Functions of Fibroblast Growth Factor," <i>Endocrine Reviews</i> 8(2):95-114 (1987)
MKE	AT	10	Goudarzi, Y.M. "Clinical Experiences with a Fibrin-Nebacetin Bone Marrow Combination in the Treatment of Chronic Bone Infections and as Local Infection Prophylaxis in Non-Infected Bone Diseases," <i>Akt. Traumatol.</i> 13:205-209 (1983)

Examiner

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Examiner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MKE	AR	11	Graham et al., "Expanded Polytetrafluoroethylene Vascular Prostheses Seeded with Enzymatically Derived and Cultured Canine Endothelial Cells," <i>Surgery</i> 91(5):550-559 (1982)
MKE	AS	11	Greco et al., "Fibrin-Antibiotic Mixtures: An in Vitro Study Assessing the Possibility of Using a Biologic Carrier for Local Drug Delivery," <i>J. Biomedical Materials Res.</i> 25:39-51 (January, 1991)
MKE	AT	11	Greenhalgh et al., "PDGF and FGF Stimulate Wound Healing in the Genetically Diabetic Mouse," <i>Am. J. Path.</i> 136(6):1235-1246 (June, 1990)

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FORM PTO-1449

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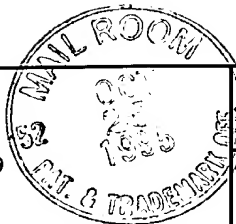
<i>MKE</i>	AR	12	Greisler et al., "Biomaterial Pretreatment with ECGF to Augment Endothelial Cell Proliferation," J. Vasc. Surg. 5(2):393-399 and 402 (1987)
<i>MKE</i>	AS	12	Greisler et al., "Endothelial Cell Growth Factor Attachment to Biomaterials," Trans. Am. Soc. Artif. Intern. Organs. XXXII:346-349 (1986)
<i>MKE</i>	AT	12	Greisler et al., "Enhanced Endothelialization of Expanded Polytetrafluoroethylene Grafts by Fibroblast Growth Factor Type 1 Pretreatment," Surgery 112(2):244-255 (August, 1992)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>MKE</i>	AR	<u>13</u>	Greisler et al., "Enhancement of Polytetrafluoroethylene Endothelialization by Pretreatment with Fibrin Glue Containing Heparin Binding Growth Factor-Type I (HBGF-1)," <i>Proc. Cardiovascular Science and Technology Conf.</i> , p. 50 (December 2-4, 1991)
<i>MKE</i>	AS	<u>13</u>	Gundry et al., "A Quantitative and Qualitative Comparison of Fibrin Glue, Albumin, and Blood as Agents to Pretreat Porous Vascular Grafts," <i>J. of Surgical Res.</i> 43:75-77 (1987)
<i>MKE</i>	AT	<u>13</u>	Harker et al., "Platelet Consumption by Arterial Prostheses: The Effects of Endothelialization and Pharmacologic Inhibition of Platelet Function," <i>Ann. Surg.</i> 186(5):594-601 (1977)

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MKZ	AR	14	Harrison et al., "Osteogenin Promotes Reexpression of Cartilage Phenotype by Dedifferentiated Articular Chondrocytes in Serum-Free Medium," <i>Exp. Cell Res.</i> 192:340-345 (Fall, 1991)
MKZ	AS	14	Hattori, T., "Experimental Investigations of Osteogenesis and Chondrogenesis by Implant of BMP-Fibrin Glue Mixture," <i>J. Jpn. Orthop. Assoc.</i> 64:824-834 (after June, 1990)
MKZ	AT	14	Haverich et al., "Histopathological Evaluation of Woven and Knitted Dacron Grafts for Right Ventricular Conduits: A Comparative Experimental Study," <i>Annals of Thoracic Surgery</i> 37(5):404-411 (1984)

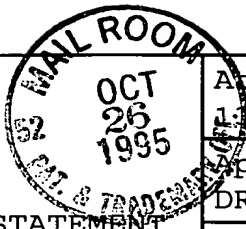
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MKZ

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
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MKE	AR	15	Haverich et al., "Pericardial Flap-Plasty for Protection of the Tracheal Anastomosis in Heart-Lung Transplantation," J. Cardiac Surgery 4(2):136-139 (1989)
MKE	AS	15	Haverich et al., "Prevention of Graft Infection by Bonding of Gentamycin to Dacron Prostheses," J. Vasc. Surg. 15(1):187-193 (January, 1992)
MKE	AT	15	Haverich et al., "The Use of Fibrin Glue for Sealing Vascular Prostheses of High Porosity," Thorac. Cardiovasc. Surgeon 29:252-254 (1981)

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MKZ	AR	16	Hayek et al., "An in Vivo Model for Study of the Angiogenic Effects of Basic Fibroblast Growth Factor," Biochem. Biophys. Res. Commun. 147(2):876-880 (1987)
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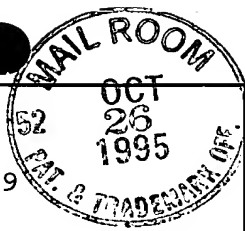
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	AO						Yes No
	AP						Yes No

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<i>MKE</i>	AR	<u>17</u>	Jonas et al., "Biological Sealants and Knitted Dacron Conduits: Comparison of Collagen and Fibrin Glue Pretreatments in Circulatory Models," <i>Annals of Thoracic Surgery</i> 44:283-290 (1987)
<i>MKE</i>	AS	<u>17</u>	Jonas et al., "Biological Sealants and Knitted Dacron: Porosity and Histological Comparisons of Vascular Graft Materials With and Without Collagen and Fibrin Glue Pretreatments," <i>Annals of Thoracic Surgery</i> 41:657-663 (1986)
<i>MKE</i>	AT	<u>17</u>	Karck et al., "Pretreatment of Prosthetic Valve Sewing-Ring with the Antibiotic/Fibrin Sealant Compound as a Prophylactic Tool Against Prosthetic Valve Endocarditis," <i>Eur. J. Cardio-Thorac. Surg.</i> 4:142-146 (March, 1990)

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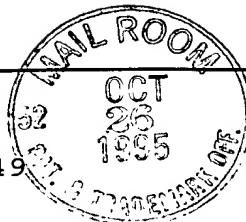
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MKZ	AS	18	Kempczinski et al., "Endothelial Cell Seeding of a New PTFE Vascular Prosthesis," <i>J. Vasc. Surg.</i> 2:424-429 (1985)
MKZ	AT	18	Kesler et al., "Enhanced Strength of Endothelial Attachment on Polyester Elastomer and Polytetrafluoroethylene Graft Surfaces with Fibronectin Substrate," <i>J. Vasc. Surg.</i> 3:58-64 (1986)

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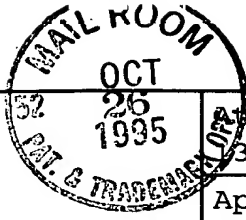
MKE	AR	19	Knighton et al., "Classification and Treatment of Chronic Nonhealing Wounds," Ann. Surg. 204(3):322-330 (1986)				
MKE	AS	19	Knighton et al., "Regulation of Cutaneous Wound Healing by Growth Factors," Clinical Materials 8:229-242 (1991 - received in the National Library of Medicine in February, 1992)				
MKE	AT	19	Knighton et al., "The Use of Platelet Derived Wound Healing Formula in Human Clinical Trials," in: Growth Factors and Other Aspects of Wound Healing: Biological and Clinical Implications, pp. 319-329 (1988)				

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MKZ	AR	20	Kovács et al., "Biolplast® Fibrin Coagulum in Large Cystic Defects of the Jaw," Intl. J. Oral Surg. 5:111-116 (1976)
MKZ	AS	20	Köveker, G., "Clinical Application of Fibrin Glue in Cardiovascular Surgery," Thorac. Cardiovasc. Surgeon 30:228-229 (1982)
MKZ	AT	20	Köveker et al., "Clinical Experience with Fibrin Glue in Cardiac Surgery," Thorac. Cardiovasc. Surgeon 29:287-289 (1981)


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FORM PTO-1449		Atty. Docket 1327.0440006	Appl. No. 08/479,038
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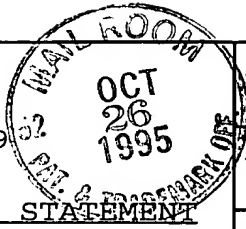
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	AN						Yes No
	AO						Yes No
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<i>mkz</i>	AR	21	Köveker et al., "Reduction of Thrombogenicity in Small-Diameter Vascular Prostheses Seeded with Autologous Endothelial Cells," Thorac. Cardiovasc. Surgeon 34:49-51 (1986)
<i>mkz</i>	AS	21	Kram et al., "Antibacterial Effects of Fibrin Glue-Antibiotic Mixtures," J. Surgical Res. 50:175-178 (1991 - presented April 28-May 2, 1989)
<i>mkz</i>	AT	21	Kram et al., "Fibrin Glue Sealing of Polytetrafluoroethylene Vascular Graft Anastomoses: Comparison with Oxidized Cellulose," J. Vasc. Surg. 8(5):563-568 (1988)

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<i>MKZ</i>	AR	22	Kratzat et al., "Clinical Experiences with the Fibrin-Antibiotic Combination in Infections of the Bones and Soft Parts," Akt. Chir. 17:58-62 (1982)
<i>MKZ</i>	AS	22	Kratzat et al., "Erste Klinische Erfahrungen mit dem Fibrin-Antibiotikum-Verbund beider osteomyelitis," Orthop. Praxis 17:852-855 (1981)
<i>MKZ</i>	AT	22	Kratzat et al., "Klinische Erfahrungen mit dem Fibrin-Antibiotikum-Verbund bei Knochen- und Weichteilinfektionen," in: Fibrinkleber in Orthopadie und Traumatologie, Cotta et al., eds., Thieme Verlag, Stuttgart, pp. 200-204 (1982)

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<i>mkz</i>	AR	23	Kreider et al., "Concordance of Condylomata Acuminata Responses to Treatment with Intralesional MPI 5003 and Papiloma Responses in the Shope Rabbit Papilloma Model System," <i>Skin Pharmacol.</i> 5(4):201-202 (October, 1992)
<i>mkz</i>	AS	23	Ksander et al., "The Effect of Platelet Releasate on Wound Healing in Animal Models," <i>J. Am. Acad. Dermatol.</i> 22(No. 5, Part I):781-791 (May, 1990)
<i>mkz</i>	AT	23	Lasa et al., "Osteoregeneration Using a Fibrin Sealant Delivery Vehicle for Demineralized Bone Matrix," <i>J. Cell. Biochem. Suppl.</i> O(17 Part E):162 Abstract No. RZ 217 (March 29-April 25, 1993)

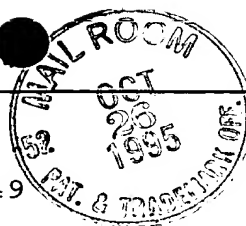
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<i>MKE</i>	AR	24	Lerner et al., "Current Status of Surgical Adhesives," J. Surg. Res. 48:165-181 (February, 1990)
<i>MKE</i>	AS	24	Lindner et al., "Basic Fibroblast Growth Factor Stimulates Endothelial Regrowth and Proliferation in Denuded Arteries," J. Clin. Invest. 85:2004-2008 (June, 1990)
<i>MKE</i>	AT	24	Lobb, R.R., "Clinical Applications of Heparin-Binding Growth Factors," Eur. J. Clin. Invest. 18:321-336 (1988)

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1779

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	AN						Yes No
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MKE	AR	25	Lucht et al., "Fibrin Sealant in Bone Transplantation," Acta. Orthop. Scand. 57:19-24 (1986)
MKE	AS	25	Luyten et al., "Purification and Partial Amino Acid Sequence of Osteogenin, a Protein Initiating Bone Differentiation," J. Biol. Chem. 264(23):13377-13380 (1989)
MKE	AT	25	Lynch et al., "Growth Factors in Wound Healing," J. Clin. Invest. 84:640-646 (1989)

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

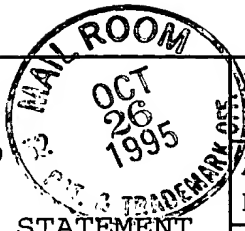
MKE	AR	26	Mark et al., "Repair of Calvarial Nonunions by Osteogenin, A Bone-Inductive Protein," <i>Plastic and Reconstructive Surgery</i> 86(4):623-630 (October, 1990)
MKE	AS	26	Massagué, J., "The TGF- β Family of Growth and Differentiation Factors," <i>Cell</i> 49:437-438 (1987)
MKE	AT	26	Matras, H., "Fibrin Seal: The State of the Art," <i>J. Oral Maxillofac. Surg.</i> 43:605-611 (1985)

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MKZ	AR	27	McGee et al., "Recombinant Basic Fibroblast Growth Factor Accelerates Wound Healing," J. Surg. Res. 45:145-153 (1988)
MKZ	AS	27	Miller et al., "Basal Cell Carcinomas Histologically Resolved After Treatment with Intralesional 5-Fluorouracil Therapeutic Implant," Proc. of the Amer. Assoc. for Cancer Res. 32:420 Abstract No. 2496 (March, 1991)
MKZ	AT	27	Montesano et al., "Basic Fibroblast Growth Factor Induces Angiogenesis In Vitro," PNAS USA 83:7297-7301 (1986)

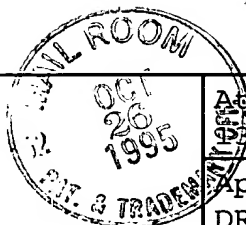
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MKZ	AS	28	Mustoe et al., "Accelerated Healing of Incisional Wounds in Rats Induced by Transforming Growth Factor- β ," Science 237:1333-1336 (1987)				
MKZ	AT	28	Orenberg et al., "The Effect of Intralesional 5-Fluorouracil Therapeutic Implant (MPI 5003) for Treatment of Basal Cell Carcinoma," J. Am. Acad. Dermatol. 27:723-728 (November, 1992)				

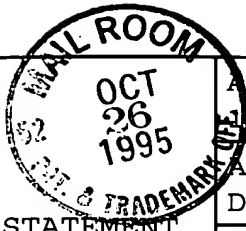
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<i>MKE</i>	AR	29	Yu and Palecek et al., "Pharmacokinetics and Clinical Application of the Intralesional Methotrexate Therapeutic Implant," Proc. Annu. Meet. Am. Soc. Clin. Oncol. 11:100 Abstract No. 222 (March, 1992)
<i>MKE</i>	AS	29	Pierce et al., "In Vivo Incisional Wound Healing Augmented by Platelet-Derived Growth Factor and Recombinant c-sis Gene Homodimeric Proteins," J. Exp. Med. 167:974-987 (1988)
<i>MKE</i>	AT	29	Pop et al., "Experimental Covering of the Dental Pulp in the Dog with Biological Substances," Chemical Abstracts 72:209 Abstract No. 119944n (1970)

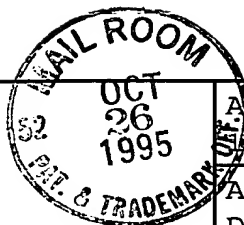
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MKZ	AS	30	Puumala et al., "Intraventricular Infusion of HBGF-2 Promotes Cerebral Angiogenesis in Wistar Rat," Brain Res. 534:283-286 (November, 1990)
MKZ	AT	30	Radomski et al., "Initial Adherence of Human Capillary Endothelial Cells to Dacron," J. Surgical Res. 42:133-140 (1987)

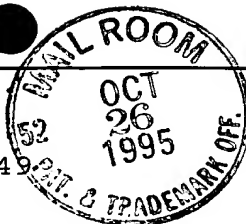
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MKZ	AR	31	Ramalanjaona et al., "The Effect of Fibronectin Coating on Endothelial Cell Kinetics in Polytetrafluoroethylene Grafts," J. Vasc. Surg. 3:264-272 (1986)				
MKZ	AS	31	Redl et al., "Fibrinkleber-Antibiotika-Gemische - Festigkeit und Elutionsverhalten," in: Fibrinkleber in Orthopadie und Traumatologie, Cotta et al., eds., Thieme Verlag, Stuttgart, pp. 178-181 (1982)				
MKZ	AT	31	Redl et al., "In Vitro Properties of Mixtures of Fibrin Seal and Antibiotics," Biomaterials 4:29-32 (1983)				

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MKE	AR	32	Roberts et al., "Transforming Growth Factor β ," <i>Advances in Cancer Res.</i> 51:107-141 (1988)
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<i>MCZ</i>	AR	33	Sakurai et al., "Controlled Release of Sisomicin from Fibrin Glue," J. Controlled Release 18:39-44 (January, 1992)
<i>MCZ</i>	AS	33	Sauvage et al., "Interspecies Healing of Porous Arterial Prostheses," Arch. Surg. 109:698-705 (1974)
<i>MCZ</i>	AT	33	Schlag et al., "Fibrin Sealant in Orthopedic Surgery," Clinical Orthopaedics and Related Res. 227:269-285 (1988)

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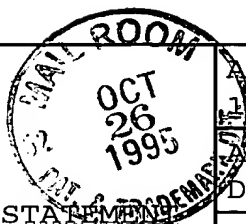
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	AM						Yes No
	AN						Yes No
	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>MKZ</i>	AR	<u>34</u>	Schrenk et al., "Fibrin Glue Coating of e-PTFE Prostheses Enhances Seeding of Human Endothelial Cells," <i>Thorac. Cardiovasc. Surgeon</i> 35:6-10 (1987)
<i>MKZ</i>	AS	<u>34</u>	Schultz et al., "Epithelial Wound Healing Enhanced by Transforming Growth Factor- α and Vaccinia Growth Factor," <i>Science</i> 235:350-352 (1987)
<i>MKZ</i>	AT	<u>34</u>	Schwarz et al., "The Influence of Fibrin Sealant on Demineralized Bone Matrix-Dependent Osteoinduction," <i>Clinical Orthopaedics and Related Res.</i> 238:282-287 (1989)

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M. J. Zana

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	AN						Yes No
	AO						Yes No
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MKE	AR	35	Shindo et al., "Improved Patency of Collagen-Impregnated Grafts After In Vitro Autogenous Endothelial Cell Seeding," J. Vasc. Surg. 6:325-332 (1987)
MKE	AS	35	Shoemaker et al., "Effects of Fibrin Sealant on Incorporation of Autograft and Xenograft Tendons Within Bone Tunnels," Am. J. Sports Med. 17(3):318-324 (1989)
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	AM						Yes No
	AN						Yes No
	AO						Yes No
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MKZ	AR	36	Silberstein et al., "An Autologous Fibrinogen-Based Adhesive for Use in Otologic Surgery," <i>Transfusion</i> 28(4):319-321 (1988)
MKZ	AS	36	Spotnitz et al., "Fibrin Glue from Stored Human Plasma," <i>The American Surgeon</i> 53(8):460-462 (1987)
MKZ	AT	36	Sprugel et al., "The Effects of Different Growth Factors in Subcutaneous Wound Chambers," in: <i>Growth Factors and Other Aspects of Wound Healing: Biological and Clinical Implications</i> , pp. 77-91 (1988)

Examiner <u>MKZ</u>	Date Considered <u>1/3/97</u>
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<i>MKZ</i>	AR	<u>37</u>	Stark et al., "Experience with Fibrin Seal (Tisseel) in Operations for Congenital Heart Defects," <i>Annals of Thoracic Surgery</i> 38(4):411-413 (1984)
<i>MKB</i>	AS	<u>37</u>	Sugie et al., "The Chemical Modification of Fibrin Film as Artificial Skin," <i>Chemical Abstracts</i> 85:318 Abstract No.182381k (1976)
<i>MKE</i>	AT	<u>37</u>	Thompson et al., "Heparin-Binding Growth Factor 1 Induces the Formation of Organoid Neovascular Structures In Vivo," <i>PNAS USA</i> 86:7928-7932 (1989)

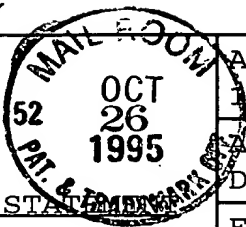
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MKZ	AS	38	Tsuboi et al., "Recombinant Basic Fibroblast Growth Factor Stimulates Wound Healing in Healing-Impaired db/db Mice," J. Exp. Med. 172:245-251 (July, 1990)
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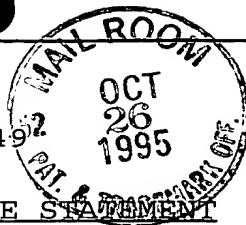
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	AO						Yes No
	AP						Yes No

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<i>MKE</i>	AR	39	Ulatowski et al., "Neue Aspekte der Anwendung eines erweiterten Fibrinklebesystems (FKS)," <i>Orthop. Praxis</i> 15:795-799 (1979)
<i>MKE</i>	AS	39	Ulatowski et al., "Pharmakokinetik eines Fibrinantibiotikumverbundes," in: <i>Fibrinkleber in Orthopadie und Traumatologie</i> , Cotta et al., eds., Thieme Verlag, Stuttgart, pp. 196-199 (1982)
<i>MKE</i>	AT	39	Urist et al., "Bone Formation in Implants of Partially and Wholly Demineralized Bone Matrix," <i>Clinical Orthopaedics and Related Res.</i> 71:271-278 (1970)

Examiner <i>MKE</i>	Date Considered <i>12/97</i>
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<i>MKZ</i>	AR	40	Urist et al., "Bone Morphogenesis in Implants of Insoluble Bone Gelatin," PNAS USA 70(12 Part I):3511-3515 (1973)
<i>MKZ</i>	AS	40	Walterbusch et al., "Clinical Experience with Fibrin Glue for Local Bleeding Control and Sealing of Vascular Prostheses," Thorac. Cardiovasc. Surgeon 30:234-235 (1982)
<i>MKZ</i>	AT	40	Wang et al., "Bone Morphogenetic Proteins and Bone Repair," J. Cell Biochem. Suppl. 0(15 Part F):161 (January, 1991)

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

Atty. Docket
1327.0440006Appl. No.
08/479,038Applicant
DROHAN et al.Filing Date
June 7, 1995Group
to be assigned

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date
	AA						
	AB						
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FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Sub-class	Trans-lation
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MKZ	AR	41	Watkins et al., "Adult Human Saphenous Vein Endothelial Cells: Assessment of Their Reproductive Capacity for Use in Endothelial Seeding of Vascular Prostheses," J. Surg. Res. 36:588-596 (1984)
MKZ	AS	41	Weisman et al., "Biochemical Characterization of Autologous Fibrinogen Adhesive," Laryngoscope 97:1186-1190 (1987)
MKZ	AT	41	Williams et al., "Adult Human Endothelial Cell Compatibility with Prosthetic Graft Material," J. Surgical Res. 38:618-629 (1985)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MKZ	AR	42	World Patents Index English translation of title and abstract of German patent application DE 3,037,270 (AP1)
MKZ	AS	42	World Patents Index English translation of title and abstract of Japanese patent application JP 60-204725 (AP2)
MKZ	AT	42	Yu et al., "Comparison of Antitumor Effects of Treatment Sequence of Fluorouracil (FU) and Cisplatin (Pt) Therapeutic Implants in a Mouse Tumor Model," Proc. Annu. Meet. Am. Soc. Clin. Oncol. 11:100 Abstract No. 223 (March, 1992)

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MKZ	AR	43	Zilch et al., "Diffusionsverhalten von Cefotaxim aus der Fibrin-Antibiotika-Plombe im Tierversuch," in: Fibrinkleber in Orthopadie und Traumatologie, Cotta et al., eds., Thieme Verlag, Stuttgart, pp. 191-195 (1982)
MKZ	AS	43	Zilch et al., "The Sustained Release of Cefotaxim from a Fibrin-Cefotaxim Compound in Treatment of Osteitis," Arch. Orthop. Trauma Surg. 106:36-41 (1986)
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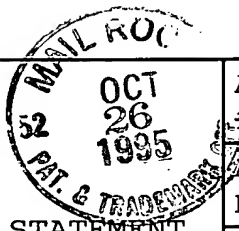
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	AO						Yes No
	AP						Yes No

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<i>MK2</i>	AR	<u>44</u>	B.M. Alving et al. "Fibrin sealant: summary of a conference on characteristics and clinical uses," <i>The Journal of The American Association of Blood Banks</i> 35: (9) 783-790 (September, 1995).
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